

CLAIMS

What is claimed is:

- 1 1. A storage tank for flowable material such as liquids and granular material, said storage
2 tank comprising:
3 a container of flexible material, wherein said flexible material comprising a base portion
4 for engaging a supporting surface; and
5 at least one supporting post system mounted over said base portion and supported by said
6 supporting surface,
7 wherein said flexible material extending upwardly from said base portion forms a side
8 portion and an upper portion of said storage tank, and being secured to said supporting post
9 system.
- 1 2. The storage tank of claim 1, wherein said storage tank comprises an upper cap positioned
2 on said upper portion of said storage tank.
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- 2 3. The storage tank of claim 1, further comprising support cables attaching said supporting
3 post system to said supporting surface.
- 1 4. The storage tank of claim 1, wherein said supporting post system is hollow.

1 5. The storage tank of claim 1, wherein said at least one supporting post system comprises a
2 plurality of supporting posts interconnected by a linking element.

1 6. The storage tank of claim 1, further comprising an outer support fabric over said flexible
2 material.

1 7. A storage tank for flowable material such as liquids and granular material, said storage
2 tank comprising:
3 a container of flexible material, wherein said flexible material comprises a base portion
4 for engaging a supporting surface; and
5 at least one support system positioned over said base portion,
6 wherein said flexible material extends upwardly from said base portion to form a side
7 portion and an upper portion of said storage tank, and is secured to one of a support rim and said
8 support system.

1 8. The storage tank of claim 7, further comprising a plurality of cables attaching said
2 support rim to said support system.

1 9. The storage tank of claim 7, wherein said support system is a post.

1 10. The storage tank of claim 9, wherein said post is hollow.

- 1 11. The storage tank of claim 7, wherein said support system is a float.
- 1 12. The storage tank of claim 7, wherein said at least one support system comprises a
2 plurality of supports interconnected by a linking element.
- 1 13. The storage tank of claim 7, further comprising an outer support fabric over said flexible
2 material.
- 1 14. A storage tank for flowable material such as liquids and granular material, said storage
2 tank comprising:
3 a flexible bag having a side portion and an upper portion; and
4 at least one support structure contained within said flexible bag, said support structure
5 positioned below said upper portion of said flexible bag,
6 wherein said flexible bag is secured to a supporting surface, and
7 wherein said support structure is secured to said supporting surface.
- 1 15. The storage tank of claim 14, further comprising a plurality of cables attaching said
2 support rim to said support structure.
- 1 16. The storage tank of claim 14, wherein said support structure is a post.
- 1 17. The storage tank of claim 16, wherein said post is hollow.

- 1 18. The storage tank of claim 14, wherein said support structure is a float.
- 1 19. The storage tank of claim 14, wherein said at least one support structure comprises a
2 plurality of supports interconnected by a linking element.
- 1 20. The storage tank of claim 14, further comprising an outer support fabric over said flexible
2 material.